DOCKET NUMBER: 209252US0/sdc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF :
Yoshiyuki ASAYAMA, et al.

SERIAL NUMBER: 09/867,629 : GROUP: 1772

FILED: May 31, 2001 : EXAMINER:

FOR: MOLDING BASE PAPER AND MOLDED PAPER VESSEL PRODUCED FROM IT

LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

On August 24, 2001, we filed an Information Disclosure Statement listing the following references without a Statement of Relevancy. The same is submitted herewith for the Examiner's consideration.

BJ (JP 53-6178)
BK (JP 58-56841)
BP (JP 63-268630)
CS (JP 3035868)
CT (JP 3042846)
CU (JP 3042847)
CV (JP 2604577)
CW (JP 54-40884)
CX (JP 58-37771)
CY (JP 61-14437)

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Norman F. Oblon
Attorney of Record
Registration Number: 24,618

Surinder Sachar
Registration No. 34,423

22850
Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/98)

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STATEMENT OF RELEVANCY

Reference BJ (JP 53-6178) on Form 1449:

The purpose of the present process is to provide a deeply drawn mold using a sheet of paper as a starting material.

This process comprises forming an emboss mark on a molding base paper containing resin powder or fibrous resin or a base paper whose surface is treated with resin; fixing it so that said base paper is not restored at a normal temperature; and compressing said base paper having an emboss mark while heating in a mold to mold said base paper in a prescribed box form by stretch due to concave-convex bending, without causing any damage or thinning.

Reference BK (JP 58-56841) on Form 1449:

This reference is related to the molding device and, we believe, are not material to the present application.

Reference BP (JP 63-268630) on Form 1449:

This reference is related to the molding device and, we believe, are not material to the present application.

Reference CS (JP 3035868)) on Form 1449:

The purpose of the present device is to provide a paper container having high strength and being easily moldable.

A circular paper board is pressed, namely, drawn to mold a container comprising a cylindrical body with a bottom portion and an edge portion 5. The cylindrical body includes a periphery wall 3 formed with a plurality of vertical thin grooves 4. The edge portion 5 is integrally formed with the upper end of the periphery wall 3 and has an outwardly extending arc shape in section.

STATEMENT OF RELEVANCY

Reference CT (JP 3042846) on Form 1449:

The purpose of the present device is to provide a paper container having high strength and a good sealing performance.

A paper board is pressed, namely, deep drawn to mold a container, which includes a bottom portion 2, a side wall portion 3 upwardly extending from the periphery edge of the bottom portion 2, and a flange portion 4 outwardly extending from the upper end of the side wall portion 3.

Said flange portion 4 is defined by a first horizontal portion 41 substantially horizontally extending from the upper end of the side wall portion 3, a first vertical portion 42 upwardly extending from the outer end of the first vertical portion 41, a second horizontal portion 43 outwardly and substantially horizontally extending from the upper end of the first vertical portion 42, and a second vertical portion 44 downwardly extending from the outer end of the second horizontal portion 43.

In this flange portion 4, a first shoulder or step 46 is defined by the upper portion of the side wall portion 3 and first vertical portion 41, a second step 47 is defined by the first vertical portion 42 and the second horizontal portion 43, and a downwardly facing groove 45 is defined by the outer surface of the first vertical portion 42, the bottom surface of the second horizontal portion 43, and the inner surface of the second vertical portion 44.

STATEMENT OF RELEVANCY

Reference CU (JP 3042847) on Form 1449:

The purpose of the present device is to provide a lid member capable of surely closing an upper opening of a container and being produced by drawing a paper board.

A paper board is pressed, namely, deep drawn to mold a paper lid member including a body portion 2 and a flange portion 3 outwardly extending from a periphery edge of the body portion 2, which portions are integrally formed.

Said flange portion 3 is defined by a first vertical portion 31 upwardly extending from the outer end of the body portion 2, a first horizontal portion 32 substantially horizontally extending from the upper end of the first vertical portion 31, and a second vertical portion 33 downwardly extending from the outer end of the second horizontal portion 32, whereby a downwardly facing groove 34 is defined by the outer surface of the first vertical portion 31, the bottom surface of the first horizontal portion 32, and the inner surface of the second vertical portion 33.

STATEMENT OF RELEVANCY

Reference CV (JP 2604577) on Form 1449:

The present device relates to a paper board of which a molded container is made, the container comprising a generally rectangular body portion having straight sides and arcuate corner portions, periphery wall portions raised from the sides of the body portion at a predetermined angle, periphery wall corner portions raised from the corner portions of the body portion for connecting adjacent periphery wall portions to each other, a flange portion outwardly and horizontally extending from all the upper ends of the periphery wall portions and from all the upper ends of the periphery wall corner portions, and a curled edge formed in the outer edge of the flange.

The paper board comprises straight outer periphery edges in which the curled edge portions of the flanges of the upper ends of the periphery wall portions are to be molded, and generally arcuate outer periphery corner edges in which the curled edge portions of the flanges of the upper ends of the periphery wall corner portions are to be molded.

Furthermore, the outer periphery corner edges are cut by a predetermined width (a) so that the curled edge has a uniform length along the overall periphery of the container when the container is molded.

STATEMENT OF RELEVANCY

Reference CW (JP 54-40884) on Form 1449:

The present device relates to a container made of a base sheet which consists of a paper or a paper on which a synthetic resin is laminated.

A base sheet 1 has a rectangle having four corner portions, outer edges of which are arc-shaped. A plurality of scored lines 3 are formed on the upper surface of each of the corner portions and radially extend toward the outer edges 2 of the corner portions.

The base sheet 1 is drawn by heated male and female molds in such a manner that a periphery edge portion of the base sheet 1 is not pressed.

Rerference CX (JP 58-37771) on Form 1449:

A blank 1 in accordance with the present device for a paper container consists of a composite material in which a paper board is coated with a thermoplastic resin.

The blank 1 comprises a rectangular bottom plate 2 having four sides and four rounded corners. Side plates 3 and corner connecting plates 4 are connected to the sides and the rounded corners of the bottom plate 2, respectively. A flange 5 outwardly extends along outer edges of the side plates 3 and the corner connecting plates 4. A scored line 7 and a scored line 8 are formed between the bottom plate 2 and the side wall 3 and 4 and between the side wall 3 and 4 and the flange 5, respectively. Additionally, the corner connecting plates 4 and the corresponding flange portions are formed with scored lines 6 radially extending thereon.

In producing the paper container, the side plates 3 are raised relative to the bottom plate 2 along the line 7, the corner connecting plates 4 are folded to undulate along the lines 6, and the flange 5 is horizontally bent relative to the side wall 3 and 4 along the line 8. Subsequently, this paper board is simultaneously pressed and heated.

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STATEMENT OF RELEVANCY

Reference CY (JP 61-14437) on Form 1449:

The present device relates to a tray for containing foods such as meat and fish.

The tray is made of a sheet member. This member comprises a film 1 having an upper surface and a bottom surface, an oil proof paper 2 laminated on the upper surface of the film 1, and a water-resistant paper board 3 laminated on the bottom surface of the film 1.

The tray (A) can be formed by pressing the sheet member. Alternatively, the tray (A) may be formed by adhering outer edge portions of the paper 2 and the paper board 3 to each other, which outer edge portions outwardly extend beyond an outer edge of the film 1

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DOCKET NUMBER: 210689US3PCT//sdc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RE APPLICATION OF :
Kazue WATANABE

SERIAL NUMBER: 09/868,916 : GROUP: 1772

FILED: July 11, 2001 : EXAMINER:

FOR: RESIN-COATED SHEET AND METHOD FOR PRODUCING THE SAME

LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

On October 30, 2001, we submitted an Information Disclosure Statement listing reference JP 40-22268 without a copy of the same. (Please see enclosed Form PTO-1449). A copy of reference JP 40-22268 is attached for the Examiner's consideration.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Joseph A. Scafetta Jr.

C. Irvin McClelland
Attorney of Record
Registration Number: 21,124

Joseph A. Scafetta, Jr.
Registration No. 26,803

22850
Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/98)